Table 1

| Seeding Method                                |                          | Time (seconds) | Mean negative log probability | Standard deviation | Number of Seeds |
|---|--------------------------|----------------|-------------------------------|--------------------|-----------------|
| SeedM:<br>adaptive<br>probability             | Max seed<br>number = 25  | 67.6           | 0.1050                        | 0.005076           | 25              |
|   | Max seed<br>number = 50  | 80.9           | 0.1082                        | 0.005035           | 50              |
|   | Max seed<br>number = 75  | 89.3           | 0.1152                        | 0.01104            | 75              |
|   | Max seed<br>number = 100 | 101            | 0.1201                        | 0.01406            | 100             |
| SeedM;<br>minimum<br>probability<br>threshold | Threshold = 0.01         | 59.1           | 3.997                         | 0.6655             | 532685          |
|   | Threshold = 0.03         | 14.5           | 3.051                         | 0.5522             | 127538          |
|   | Threshold = 0.05         | 15.0           | 2.355                         | 0.4443             | 41700           |
|   | Threshold = 0.10         | 14.3           | 1.832                         | 0.5130             | 10873           |
| SeedS   |                          | 0.0539         | 0.9680                        | 0.8951             | 509             |